



G-Technology®

# PRODUCT | guide





G-Technology®

## Storage solutions designed specifically for content creators

G-Technology offers premium external storage solutions for content creators. Our complete portfolio delivers unmatched performance, reliability and style designed for Mac and PC users. With our ever-expanding offerings, you choose which storage solution is best for you — whether you're capturing footage or data, transferring it, editing it, or sharing it. From general storage for photos and music to high-performance solutions for intensive video editing — we've got you covered!



ALL G-TECHNOLOGY PRODUCTS  
CARRY A 3-YEAR LIMITED WARRANTY

Pg	Product	USB	FW*	GigE	Thunderbolt	eSATA	mini-SAS	RAID Enabled	Enterprise class** Hard Drive
4	G-SPEED Studio XL				✓			✓	✓
5	G-SPEED Studio				✓			✓	✓
6	G-RAID Studio				✓			✓	✓
7	G-DOCK ev with Thunderbolt				✓			✓	
8	G-DRIVE ev SSD	✓							
9	G-DRIVE ev	✓							
10	G-DRIVE ev 220	✓							
11	G-SPEED eS PRO						✓	✓†	✓
12	G-SPEED eS					✓		✓†	✓
13	G-SPEED Q	✓	✓			✓		✓	✓
14	G-RAID with Thunderbolt				✓			✓	
15	G-RAID with removable drives	✓	✓			✓		✓	✓
16	G-RAID	✓	✓			✓		✓	
17	G-RAID mini	✓	✓					✓	
18	G-DRIVE PRO with Thunderbolt	✓			✓				
19	G-DRIVE with Thunderbolt	✓			✓				
20	G-DRIVE	✓	✓			✓			
21	G-DRIVE USB	✓							
22	G-DRIVE mini	✓	✓						
23	G-DRIVE mobile with Thunderbolt	✓			✓				
24	G-DRIVE mobile	✓	✓						
25	G-DRIVE mobile USB	✓							
26	G-DRIVE slim	✓							

\* Compatible with FireWire 400 | † Used in extreme "enterprise" environments such as multiuser computer systems, server applications, and tiered storage arrays. | ‡ When used with optional RAID controller. Available at [g-technology.com](http://g-technology.com)



## Hardware RAID 8-Bay Thunderbolt 2 Storage Solution

A hardware RAID 8-Bay Thunderbolt 2 solution offers professional content creators colossal capacity and high definition performance. This Enterprise Class storage solution with Thunderbolt 2 technology for ultimate speed is configurable in RAID 0, 1, 5, 6, 10, 50, & 60. Designed to support multi-stream compressed 4K workflows with extremely large volumes of data at transfer rates of up to 1350MB/s and has the ability to daisy-chain via dual Thunderbolt 2 ports. The G-SPEED Studio XL features a sleek black enclosure, smart fan technology, Enterprise Class hard drives and a 3-Year limited warranty—providing the ultimate storage solution for demanding Video and Photography based workflows.

**ENTERPRISE**  
CLASS HARD DRIVE



Capacity: 24TB | 32TB | 40TB | 48TB | 64TB

MAC

WIN

THUNDERBOLT 2

HRAID

7200RPM



with Thunderbolt™



## Hardware RAID 4-Bay Thunderbolt 2 Storage Solution

Multistream, compressed 4K and 2K workflows require a unique combination of speed, capacity, and flexibility. That's what you get with the G-SPEED Studio hardware RAID 4-Bay Thunderbolt 2 storage solution. Configurable in RAID 0, 1, 5 and 10, the solution features the latest Thunderbolt 2 technology for ultimate speed.

The G-SPEED Studio solution provides sustained transfer rates of up to 700MB/s. It also gives you the ability to daisy-chain with dual Thunderbolt 2 ports, and it ships with Enterprise Class hard drives for ultimate reliability. Plus, G-SPEED Studio provides the advanced features that matter most to creative professionals, from the sleek black enclosure to smart fan technology and plug-and-play Mac setup.

**ENTERPRISE**  
CLASS HARD DRIVE



UP TO  
**24TB!**

Capacity: 12TB | 16TB | 24TB

MAC

WIN

THUNDERBOLT 2

HRAID

7200RPM



## Hardware RAID 2-Bay Thunderbolt 2 Storage Solution

A high-performance Thunderbolt 2 storage system with hardware RAID. Configurable in RAID 0, 1, or JBOD, the G-RAID Studio features Thunderbolt 2 technology for ultimate speed. G-RAID Studio ships with two hot-swappable Enterprise Class hard drives for total capacities up to 12TB, complete in a solid black enclosure.

With transfer rates up to 360MB/s, G-RAID Studio easily supports 2K and compressed 4K video workflows. It is the ideal storage solution designed to save you time with demanding video & photo editing.

**ENTERPRISE**  
CLASS HARD DRIVE



UP TO  
**12TB!**

Capacity: 6TB | 8TB | 12TB

MAC

WIN

THUNDERBOLT 2

HRAID

7200RPM



with Thunderbolt™



## Hot-Swappable Dual-Bay Storage System

Designed with the flexibility to accommodate unique workflows, now you can seamlessly transfer and store all your digital content with one system. The G-DOCK ev with Thunderbolt is the hub of the Evolution Series, which ships with two hot-swappable G-DRIVE ev hard drives.

The portable standalone G-DRIVE ev hard drives are your go-to devices in the field, with plug-and-play USB 3.0 connectivity and transfer speeds up to 136MB/s. Back at your workstation, insert the drives into the G-DOCK ev and transfer your content with the ultra-fast, high-performance Thunderbolt interface.



Capacity: 2 x 1TB G-DRIVE® ev

MAC

WIN

THUNDERBOLT

7200RPM

# G-DRIVE® ev SSD



**Portable USB 3.0 Solid-State Drive or for use with the G-DOCK ev™**

If you have a need for speed, take the power of the G-DRIVE ev SSD with you. With extreme solid-state performance connected as a standalone drive with USB 3.0, you'll get transfer rates up to 400MB/s. Use an Evolution Series G-DOCK ev for the ultimate flexibility and expandability that today's creative professionals demand and transfer rates up to 480MB/s.

Pros have told us they need faster, more flexible ways to capture, share and distribute their work—and from the field to the studio, G-Technology's innovative Evolution Series streamlines digital content workflow as never before. Shoot on-site, transfer to studio and distribute to your partners, all with one system.



Capacity: 512GB







## USB 3.0 hard drive for use with G-DOCK ev™ or as a stand alone device

The ruggedized\* G-DRIVE ev hard drive is the new go-to device for seamless plug-and-play USB 3.0 connectivity in the field. Use it alone onsite, then insert the drive into the G-DOCK ev back at your workstation to transfer your content with the ultra-fast, high-performance Thunderbolt interface.

Designed to work with the Evolution Series, the G-DRIVE ev streamlines your capture, transfer, and distribution process.



Capacity: 500GB | 1TB

MAC

WIN

USB 3.0/2.0

7200RPM



\*1 meter drop on a carpeted concrete floor.

# G|DRIVE® ev 220



**USB 3.0 hard drive works alone or with G-DOCK ev™**

To put greater speed and exibility into your creative workow, get G-DRIVE ev 220 – a USB 3.0 hard drive with transfer rates up to 220MB/s. Use it alone or with an Evolution Series G-DOCK ev for the latest evolution in flexibility and expandability today's creative professionals demand.

Pros have told us they need faster, more flexible ways to transfer, share and distribute their work – and from the field to the studio, G-Technology's innovative Evolution Series streamlines digital content workflow as never before. Shoot on-site, transfer to studio and distribute to your partners, all with one system.



**Capacity: 2TB**

MAC

WIN

USB 3.0/2.0

5400RPM

# G | SPEED® eS PRO



## High-Performance, Fail-Safe RAID Solutions for HD/2K Production

G-SPEED eS PRO provides professional content creators better than Fibre-Channel performance for demanding post production applications. G-SPEED eS PRO features mini-SAS connectivity for very high performance operation. When used with an optional PCIe RAID controller, a single G-SPEED eS PRO enclosure with four hot-swappable 7200RPM SATA Enterprise Class hard drives supports real-time playback of 10-bit uncompressed 1080/60i with over 400MB/sec performance. Two G-SPEED eS PRO units in protected mode (RAID 5) achieve close to 1000MB/sec performance and support two simultaneous streams of uncompressed 10-bit HD or a single 2K DPX sequence. G-SPEED eS PRO is simply the most cost-effective desktop RAID storage solution designed specifically for high-end post.

**ENTERPRISE**  
CLASS HARD DRIVE



Capacity: 8TB | 12TB | 16TB

MAC

WIN

mini-SAS

7200RPM



## High-Performance eSATA RAID Storage for SD/HD Production

G-SPEED eS RAID solutions provide professional content creators with outstanding performance, high storage capacity and fail-safe operation at an unprecedented low cost per gigabyte. The compact and whisper quiet G-SPEED eS features a 3Gbit eSATA interface with four hot-swappable 7200RPM SATA Enterprise Class hard drives. When used with the G-Technology PCIe x4 RAID controller (sold separately), a single G-SPEED eS supports up to four simultaneous streams of ProRes422 HQ or one stream of uncompressed 1080/60i. As many as four G-SPEED eS enclosures can be attached to a single workstation, providing up to 64TB of high-performance RAID protected storage. The G-Technology PCIe x4 RAID controller supports RAID 0, 1, 5, and JBOD, and is configured and monitored via a full-featured Web GUI.

**ENTERPRISE**  
CLASS HARD DRIVE



Capacity: 8TB | 12TB | 16TB

MAC

WIN

eSATA

7200RPM



## Highly Versatile Multi-Interface 4-Bay RAID Storage

G-SPEED Q provides content creators with a high-performance, multi-interface, 4-bay RAID solution for every type of digital asset. Equipped with USB 3.0, eSATA and FireWire 800, the quiet and stylish G-SPEED Q features an internal RAID controller, solid all-aluminum enclosure with four hot-swappable Enterprise Class hard drives, and quiet cooling fan technology. The internal RAID controller supports RAID 0 for maximum performance or RAID 5 for data protection. G-SPEED Q's small footprint and portability make it perfect for applications where high capacity and RAID protection is very important.

**ENTERPRISE**  
CLASS HARD DRIVE



Capacity: 8TB | 12TB | 16TB

MAC

WIN

USB 3.0/2.0

FW

eSATA

7200RPM



with Thunderbolt™



## Ultra-Fast, High-Performance RAID with Thunderbolt Technology

G-RAID with Thunderbolt, features the most powerful, flexible I/O technology ever introduced for the Mac. At double the data transfer rates of USB 3.0 and over 12

times faster than FireWire 800, no other I/O interface can match the raw speed of Thunderbolt now available in G-Technology's leading RAID 0 solution.



UP TO  
**8TB!**



Capacity: 4TB | 8TB

MAC

WIN

THUNDERBOLT

7200RPM



with removable drives



## High-Performance Removable Drive Storage System

A high-performance removable dual-drive storage system. Configurable in RAID 0, 1, or JBOD, G-RAID features USB 3.0, eSATA, and FireWire for ultimate flexibility. G-RAID ships with two removable 7200RPM Enterprise Class hard drives up to 12TB, complete in an all-aluminum enclosure.

With transfer rates up to 330MB/s, G-RAID easily supports playback of multiple HD video streams. It is the ideal storage solution for video & photo editing with the leading editing applications, or simply for safe-guarding content.



**ENTERPRISE**  
CLASS HARD DRIVE

Capacity: 4TB | 8TB | 12TB

MAC

WIN

USB 3.0/2.0

eSATA

FW

7200RPM



## Professional High-Performance Dual-Drive Storage System

G-RAID is designed specifically for professional content creation applications and features USB and FireWire for universal connectivity and industry-leading performance. It uses the latest-generation chipset and supports simultaneous playback of multiple layers of HDV, DVCPRO HD, and ProRes 422 HQ

with the leading video editing applications. G-RAID is capable of delivering up to 250MB/s transfer rates when connected to any Mac or PC via USB 3.0. The thermo-regulated “smart” fan keeps G-RAID cool and the editing suite quiet.



Capacity: 4TB | 8TB

MAC

WIN

USB 3.0/2.0

eSATA

FW

7200RPM



# G|RAID® mini

## Portable Dual-Drive Storage System



G-RAID mini is the perfect companion for video and still shooters or editors working on location. Out of the box, G-RAID mini is set up in RAID 0 (Performance mode), with its two 7200RPM drives working together for the performance you need to edit the most popular compressed HD formats.

Using the included software utility, the G-RAID mini can be configured in RAID 1 (Protected mode), giving you the peace of mind that your digital video or images are protected while on the road. Plus, G-RAID mini is FireWire bus-powered.



Capacity: 1TB | 2TB

MAC

WIN

USB 3.0/2.0

FW

7200RPM



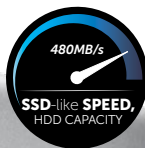
with Thunderbolt™



## Thunderbolt storage system with extreme transfer rates up to 480MB/s

G-DRIVE PRO with Thunderbolt, featuring the most powerful, flexible I/O technology ever introduced for the Mac, now delivers an extreme performance storage solution for your Thunderbolt-enabled Mac.

At transfer rates up to 480MB/s, G-DRIVE PRO with Thunderbolt provides dual Thunderbolt ports for future external storage expansion.



Capacity: 2TB | 4TB

MAC

WIN

THUNDERBOLT

7200RPM



with Thunderbolt™



## High-Performance Storage Solution with Thunderbolt and USB 3.0

A high performance storage solution featuring ultra-fast Thunderbolt and USB 3.0 interfaces in an all aluminum enclosure. G-DRIVE with Thunderbolt is perfect for storage-intensive applications like audio/video editing or digital photography.

Available in storage capacities up to 4TB, G-DRIVE with Thunderbolt is plug and play on Mac OS, and easily reformatted for PC.



Capacity: 3TB | 4TB

MAC

WIN

THUNDERBOLT

USB 3.0/2.0

7200RPM



## Professional-Strength External Hard Drive

G-DRIVE storage solutions offer the ultimate in flexibility by providing high-speed USB and FireWire connectivity all in a single desktop unit. G-DRIVE is the perfect high-performance solution for storage-intensive applications, including audio/video editing, digital photography, music libraries, and high-

speed data backup. The system features a fanless cooling system and the latest 7200RPM drive with up to 64MB of cache. G-DRIVE supports professional audio/video and music production tools, including Final Cut Pro®, Logic Studio®, and Pro Tools®.



Capacity: 2TB | 3TB | 4TB



# G|DRIVE® USB



## Compact, high-performance storage

G-DRIVE USB delivers high performance storage in a portable and robust yet stylish package. Featuring a screaming fast USB 3.0 interface, this 7200RPM drive is encased in an all-aluminum enclosure that looks as good on your desk as it does on the road. It's designed for storage-intensive multimedia files including

video, photos, audio and music libraries. Ideal for high-speed data transfer and available in capacities up to 5TB, G-DRIVE USB is Mac OS® compatible and can be easily reformatted for Windows®. Plus, it's Time Machine® ready so you can quickly backup all your files.



Capacity: 2TB | 3TB | 4TB | 6TB

MAC

WIN

USB 3.0/2.0

7200RPM

# G|DRIVE® mini



## High-Speed Portable Drive

G-DRIVE mini is the perfect storage solution for those who demand the highest performance possible from their mobile storage device. Featuring a 7200RPM hard disk, G-DRIVE mini is designed specifically with the content creator in mind. The all-aluminum enclosure protects your valuable data from the bumps and bruises encountered on the road, and the

system is bus-powered, eliminating the need to carry an external AC adapter. The drive features high-speed USB and FireWire, and a built-in heat sink silently dissipates heat.



Capacity: 500GB | 1TB

MAC

WIN

USB 3.0/2.0

FW

7200RPM



### Portable Thunderbolt and USB 3.0 Drive

G-DRIVE mobile with Thunderbolt – stylish portable storage for laptop users featuring ultra-fast Thunderbolt and USB 3.0 interfaces. G-Technology combines 1TB capacity and a 7200RPM hard drive, together with Time Machine compatibility for quick back up of documents, music, digital video and photos.

Also the G-DRIVE mobile with Thunderbolt is bus-powered, and that means when you're on your way out, you don't need to add an external AC power supply to your laptop case.



Capacity: 1TB

MAC

WIN

THUNDERBOLT

USB 3.0/2.0

7200RPM



## Portable USB and FireWire Drive

G-DRIVE mobile features USB and FireWire interfaces, exceptional throughput performance, and up to 1TB capacity – making it the perfect storage option for laptop users. Since it works with Time Machine right out of the box, backing up important documents, music, digital video and photos is easy.

Also G-DRIVE mobile is bus-powered, so forget about adding an external AC power supply to your laptop case.



Capacity: 1TB

MAC

WIN

USB 3.0/2.0

FW

5400RPM



# G|DRIVE® mobile USB



## Portable USB Drive

Perfect for on-the-go laptop users. G-DRIVE mobile USB is easy to set up, with storage capacities up to 1TB you'll find it perfect for storing your most important documents, music, digital video and photos.

Store and back up your prized digital content in a smart, simple way. Our slender, lightweight aluminum cases pack plenty of storage for photos, digital videos, music and more. And they're ready to work with Time Machine right out of the box.



7200 RPM  
+  
USB 3.0!

Capacity: 1TB

MAC

WIN

USB 3.0/2.0

7200RPM

5400RPM

# G-DRIVE® slim



## Ultra-Slim USB Drive

Ideal for any laptop user, the G-DRIVE slim is the ultra-slim, ultra-stylish portable solution for videos, photos, music and more. Featuring a USB interface, G-DRIVE slim is a laptop user's sleekest answer to superior data storage.

G-DRIVE slim stores and backs up your prized digital content in a smart, simple way. Its slender, lightweight aluminum case packs plenty of storage for photos, digital videos, music and more. And its ready to work with Time Machine right out of the box.



7200 RPM  
+  
USB 3.0!

Capacity: 500GB

500GB

MAC

WIN

USB 3.0/2.0

7200RPM

5400RPM



## TOP TEN REASONS TO OWN A G-TECHNOLOGY PRODUCT!

- Designed for maximum performance and reliability
- Integrated hard drive cooling technology
- Stylish product design
- Several solutions built with Enterprise Class hard drives for ultimate reliability
- Features high-performance hard disk drives
- Proven brand with deep roots supporting content creation professionals
- Solutions specifically designed for content creation applications
- Comprehensive product offerings – storage solutions that support HDV to 4K
- Out-of-box plug and play on Mac OS®
- Easily reformatted for PCs



G-Technology®



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@gtechnology

[g-technology.com](http://g-technology.com)

One gigabyte (GB) is equal to 1 billion bytes, and one terabyte (TB) equals 1,000 GB (1 trillion bytes). Accessible capacity will vary from the stated capacity due to formatting and partitioning of the hard drive, the computer's operating system, and other factors.

Thunderbolt and the Thunderbolt logo are trademarks of Intel Corporation in the U.S. and other countries.

Design by G-Technology in California. G-DRIVE, G-RAID, G-SPEED, G-Technology and the G-Technology logo are registered trademark of HGST, Inc. and its affiliates in the U.S. and other countries. G-DOCK ev is a filed trademark of HGST, Inc. and its affiliates in the U.S. and other countries.

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